

Brendan Quinn

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Local: 435C Becker Residence Hall
Ithaca, NY 14853

Permanent: 158 Tanners Pond Road
Garden City, NY 11530

Seeking an internship position featuring software and hardware experience or system designs.

EDUCATION

Cornell University	Cumulative GPA: 3.33 / 4.00
B.S. in Computer Science	Selected Coursework : Object-Oriented Programming Design and Data Structures, Discrete Structures, Networks, Engineering Probability & Statistics
<i>Expected May 2017</i>	

EXPERIENCE

CUAir	Collaborate with a team of 40 to build and program an unmanned aircraft capable of takeoff, landing, waypoint navigation, and wireless communication. 1st in Mission, 2nd overall. More at CUAir.org
Autopilot Programmer & Integrations Lead	Programs open source Cortex-M4 autopilot, built & maintain a HIL simulation, and manages RTOS embedded Linux system
<i>November 2013 - Present</i>	
Masquers Stage Crew	Worked with a team of 25 high school students to construct two-story, mobile structures and multiple sets for eight theatrical productions.
Build Crew Manager	Great knowledge of wood and metal work, mounts, counter-weight systems, and remote lighting fixtures.
<i>September 2012 - June 2013</i>	
Hofstra University	Conducted electrical efficiency studies of common suburban households. Mapped electrical usage by room, and found differential thresholds for atmospheric conditions to optimize heating, cooling, and lighting.
Research Assistant	
<i>May 2012 - September 2012</i>	

SKILLS

Languages	Java, MatLab, Basic GL Studios, GameMaker Studios, Arduino
Operating Systems	Microsoft Windows OS, Apple OS X, Familiarity with GNU+ Linux
Skills	Machining (Wood, Metal, Composites), Microcontrollers, Excel
Engineering Tools	SolidWorks CAD, Photoshop, InDesign, Mathematica, LaTeX
Interests	Personal Robotics, Firefighting, Circuitry